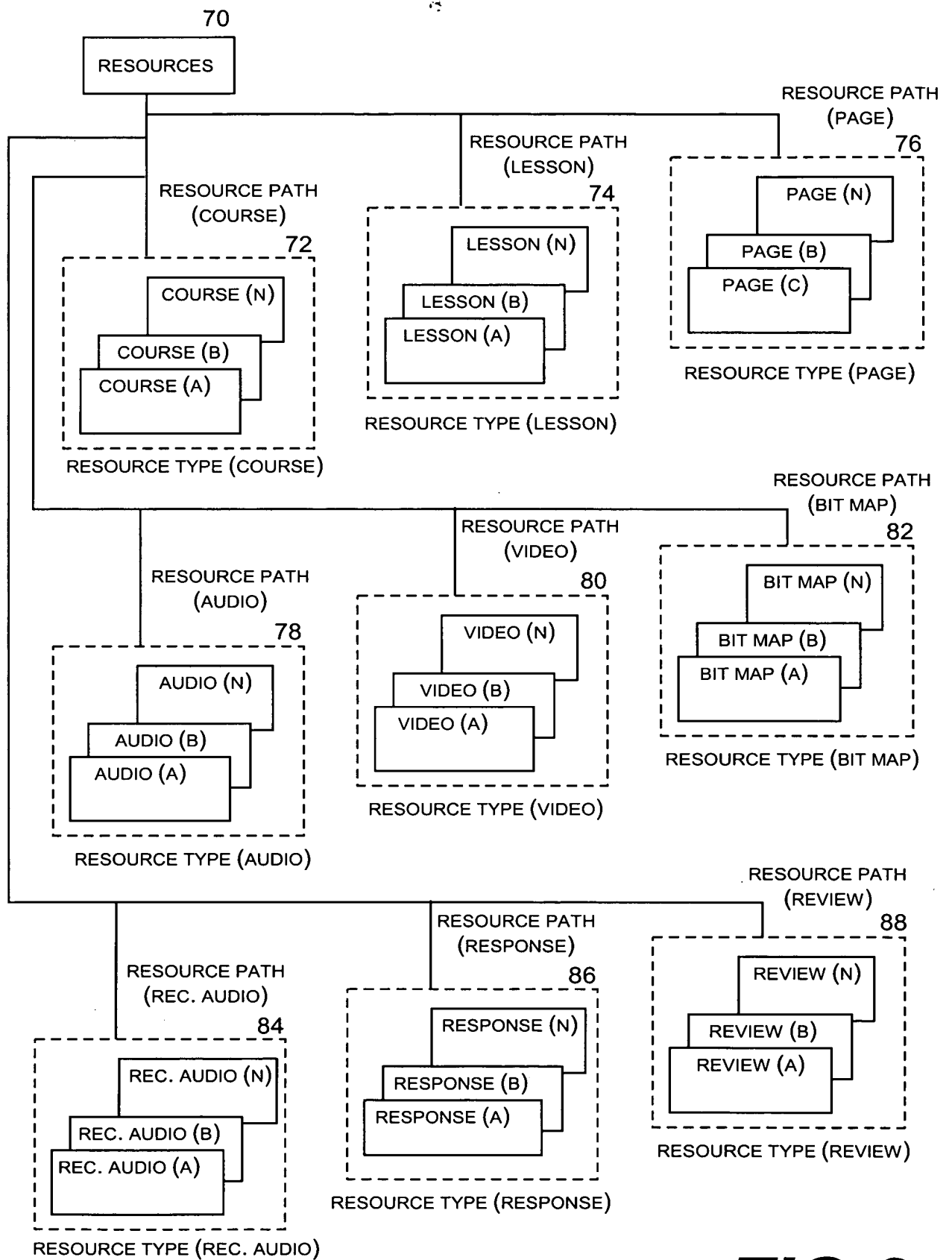
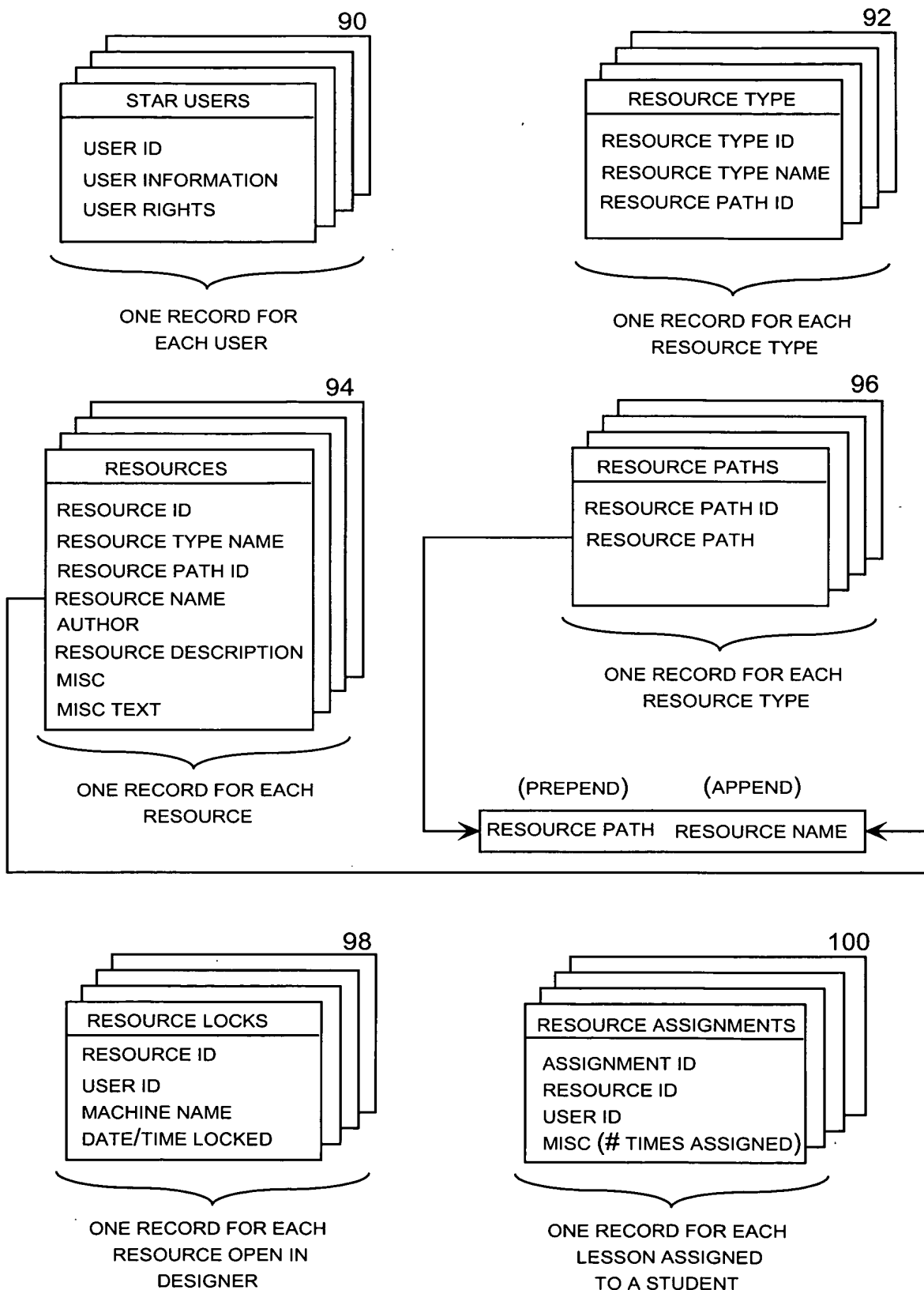
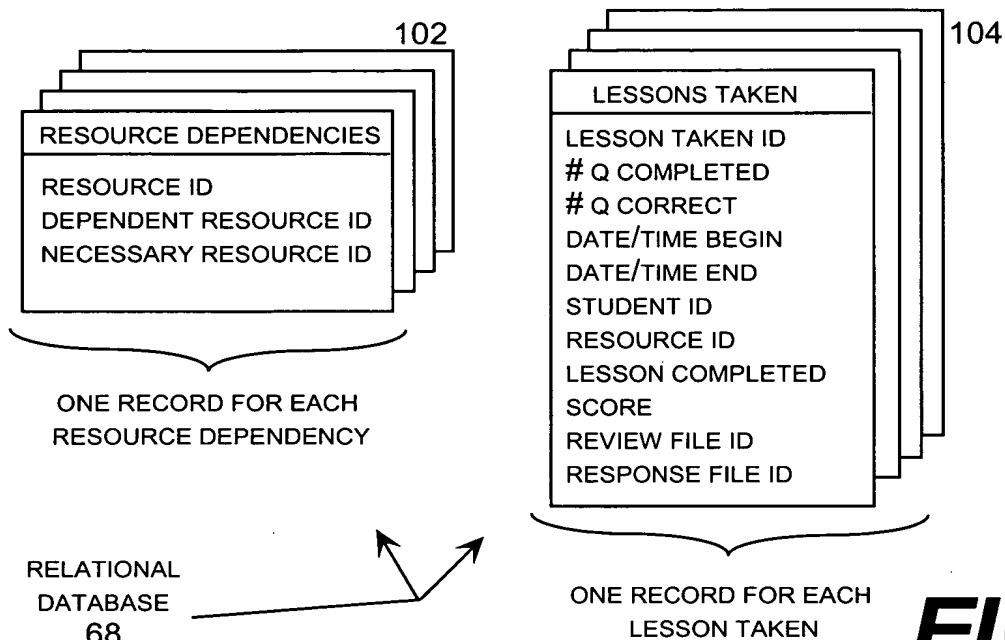


**FIG.2**

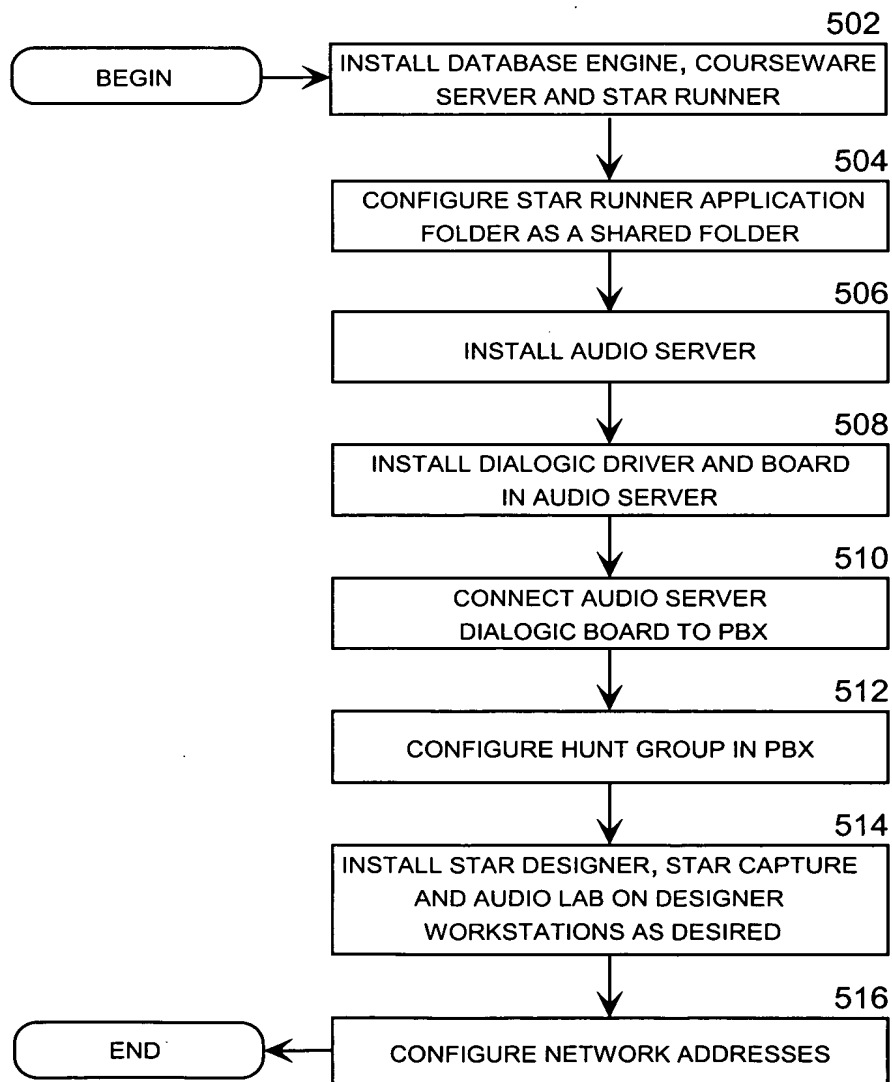


**FIG.3**



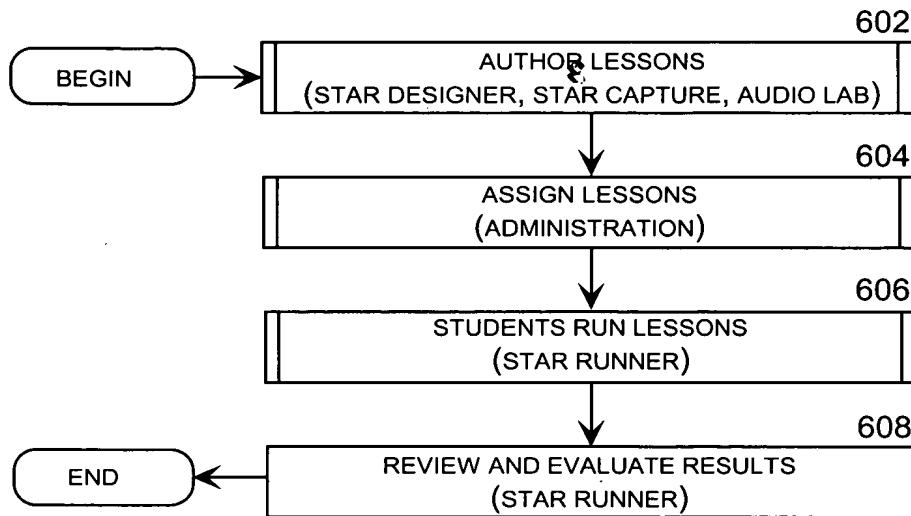


**FIG.4B**



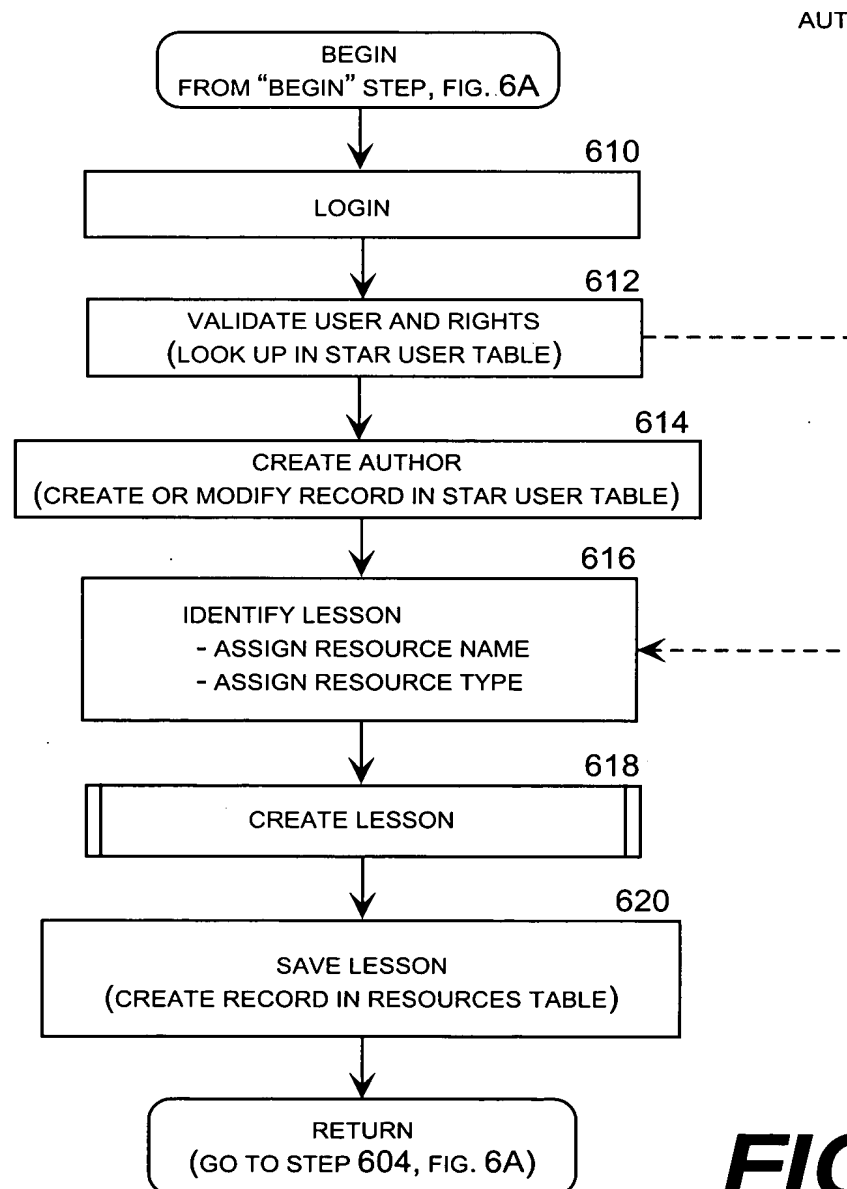
SYSTEM SET-UP  
ROUTINE  
500

**FIG.5**



SYSTEM UTILIZATION  
ROUTINE  
600

**FIG. 6A**

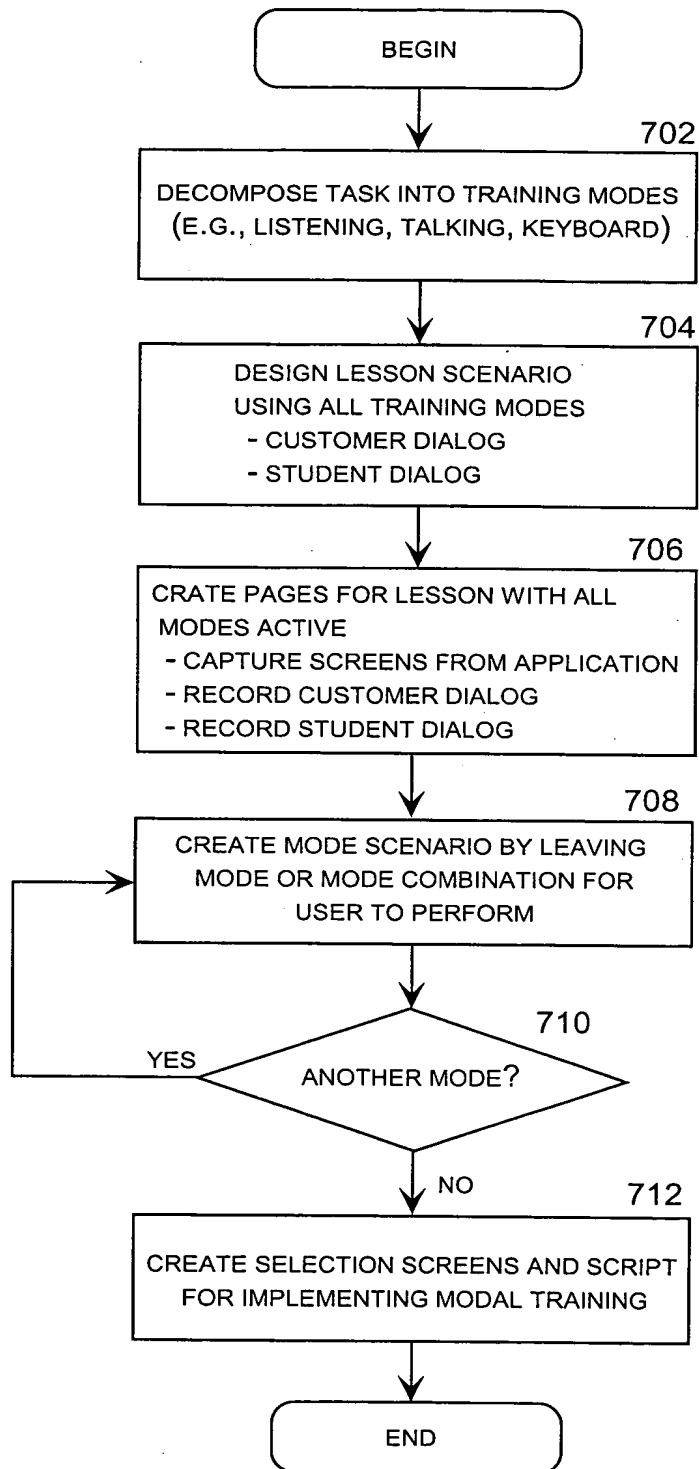


AUTHOR LESSONS  
ROUTINE  
602

**FIG. 6B**

PROGRESSIVE MENTORING  
(AUTHORING METHODOLOGY)

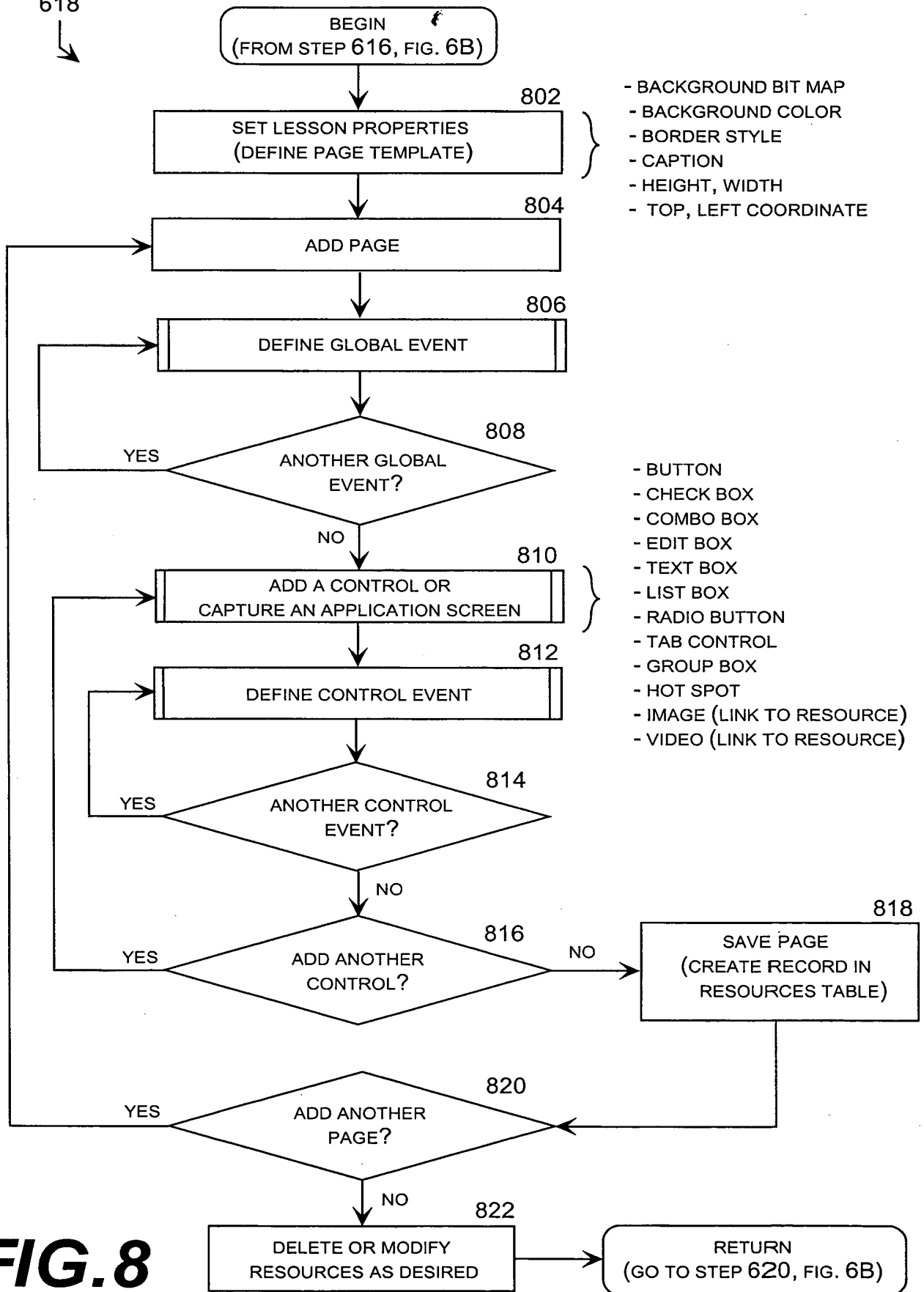
700



**FIG.7**

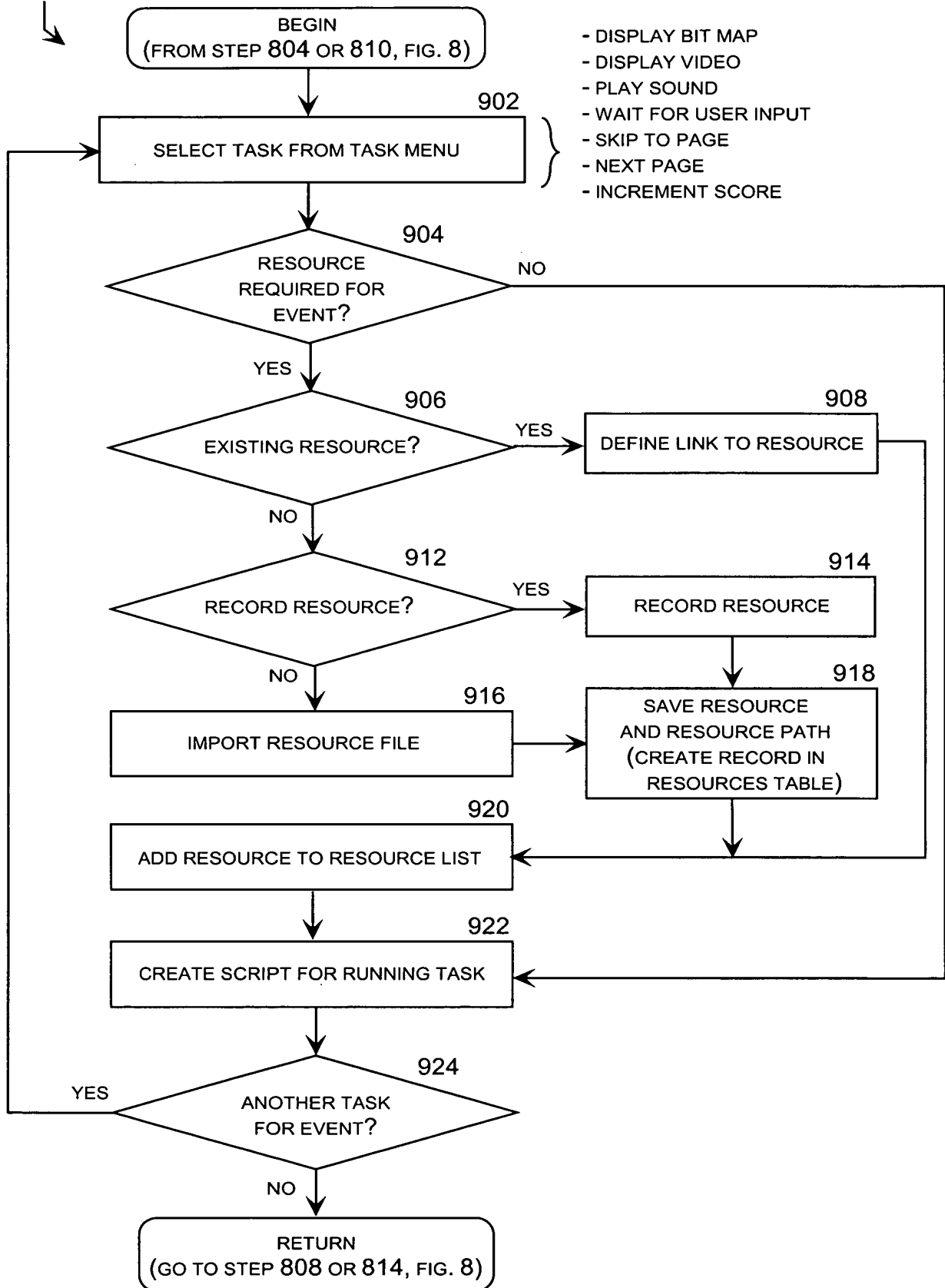
CREATE LESSON

618



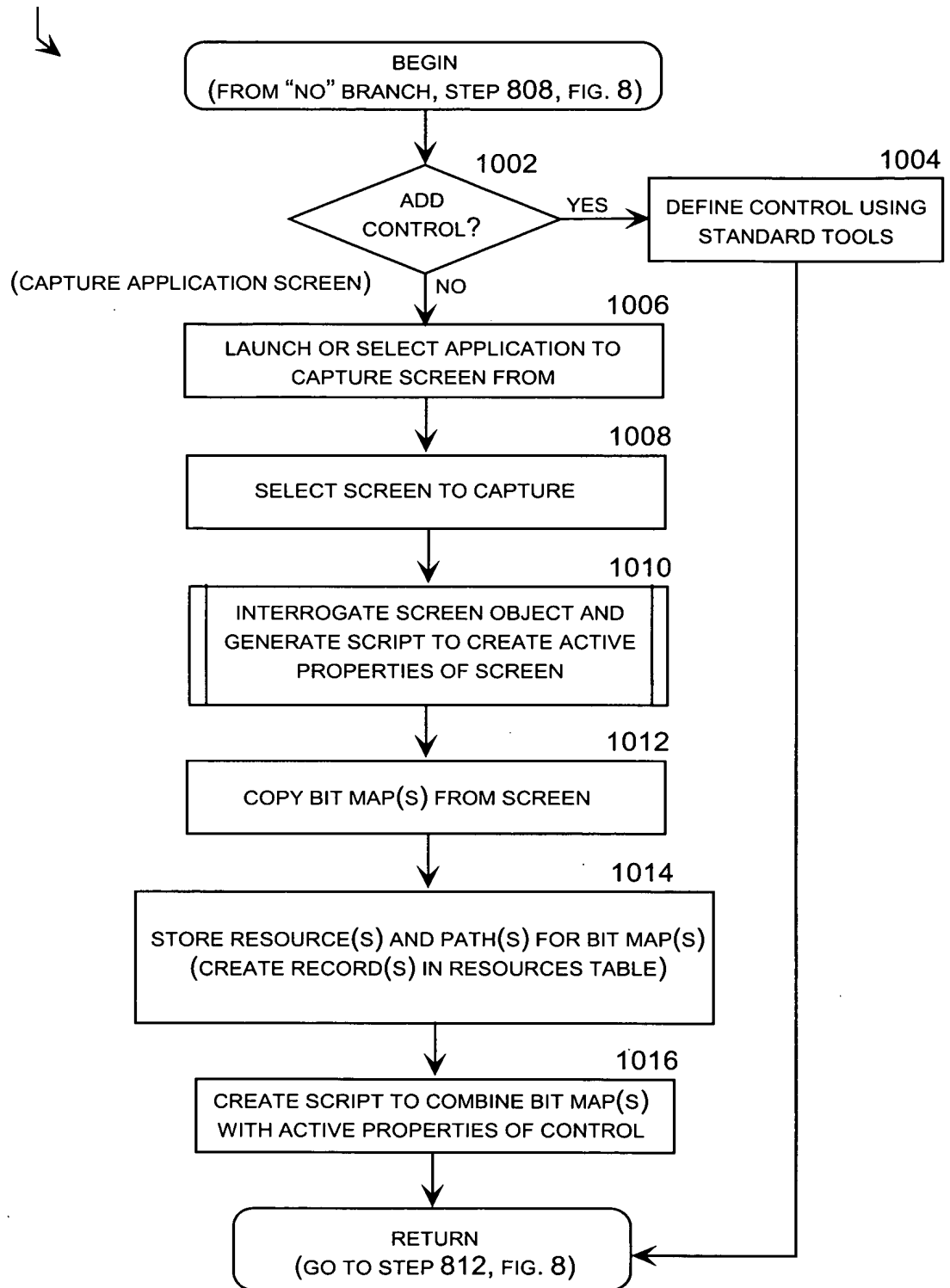


DEFINE EVENT  
806 OR 812



**FIG.9**

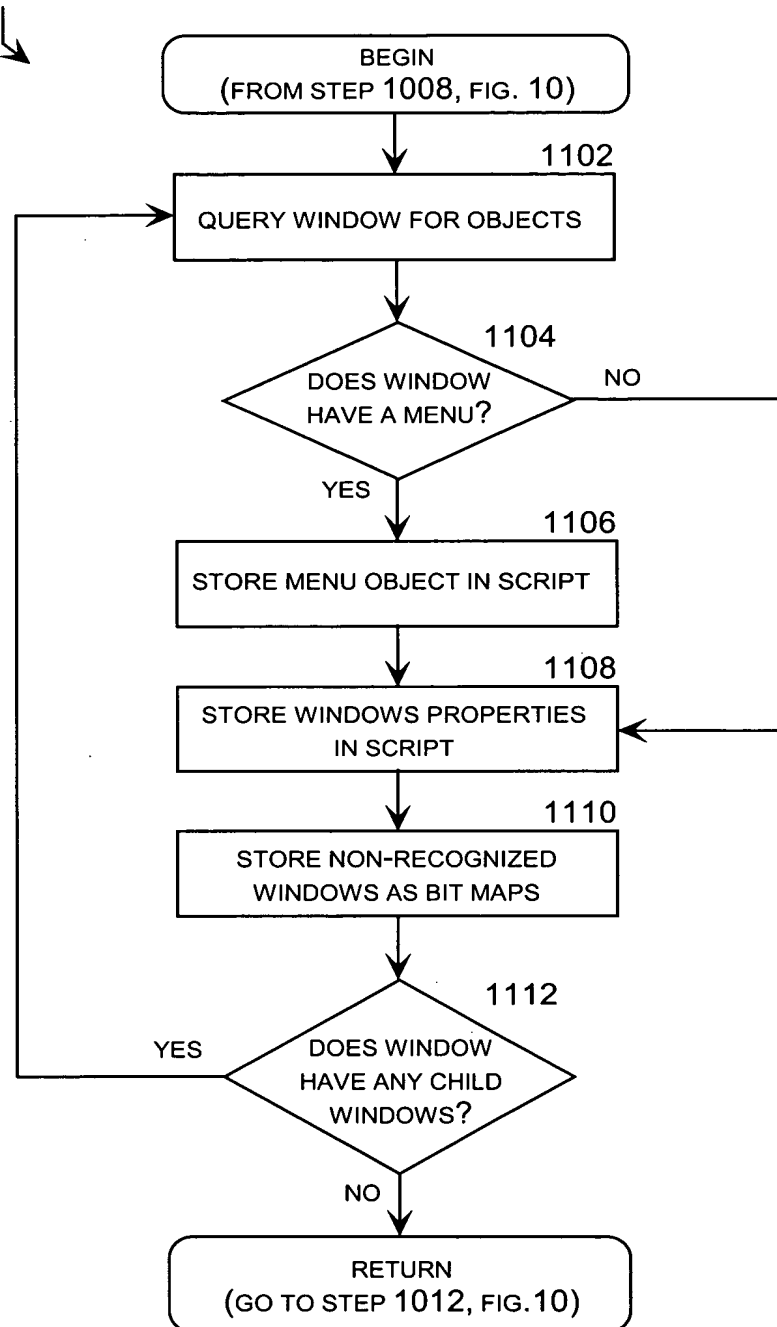
ADD CONTROL OR  
CAPTURE APPLICATION SCREEN  
810



**FIG.10**

INTERROGATE SCREEN OBJECT AND  
GENERATE SCRIPT TO CREATE ACTIVE  
PROPERTIES OF SCREEN

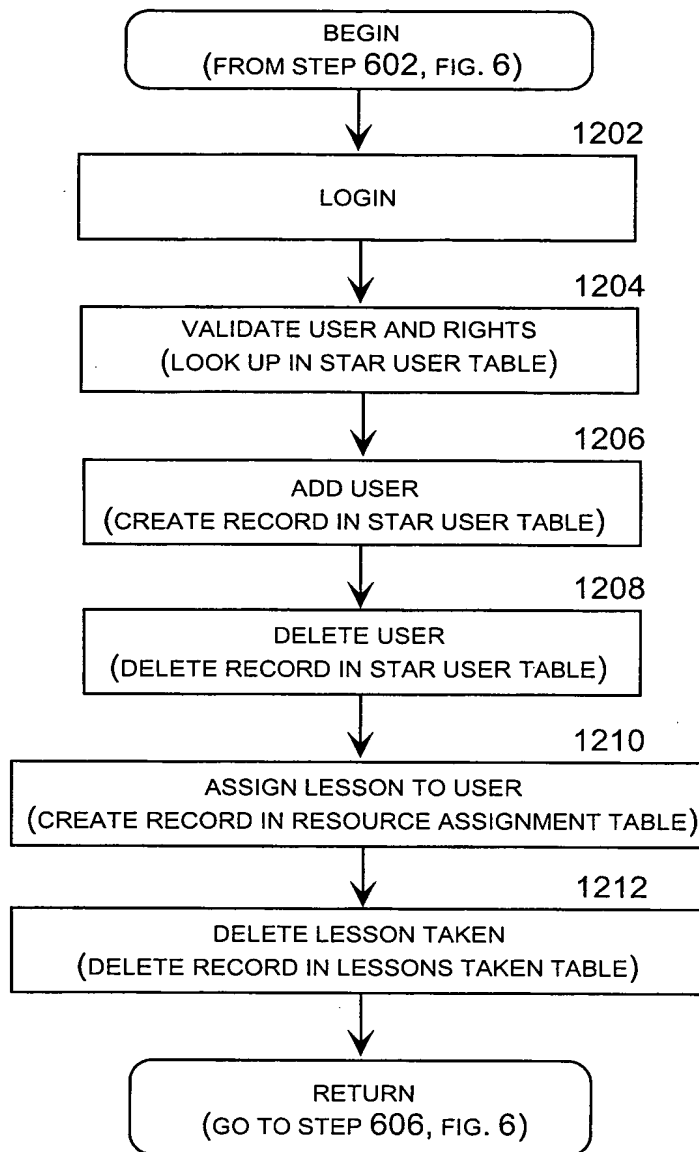
1010



**FIG.11**

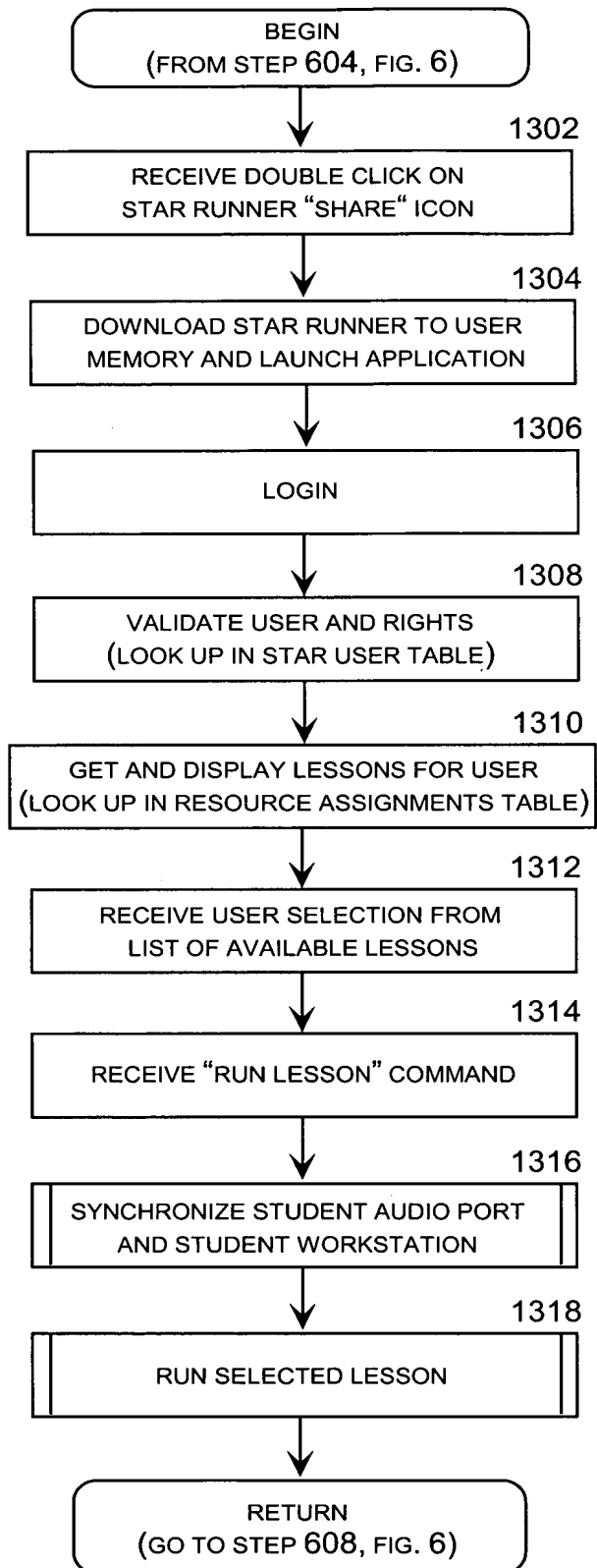
ASSIGN LESSONS

604



**FIG.12**

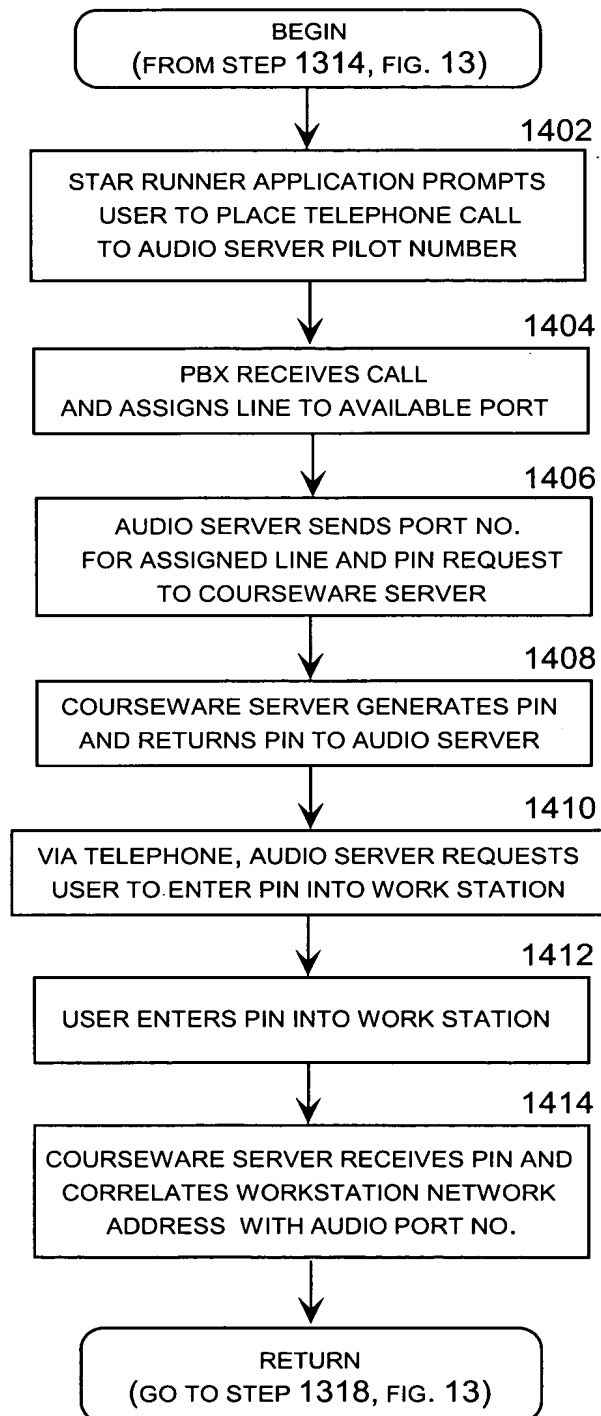
RUN LESSON  
606



**FIG.13**

SYNCHRONIZE STUDENT AUDIO PORT  
AND STUDENT WORKSTATION

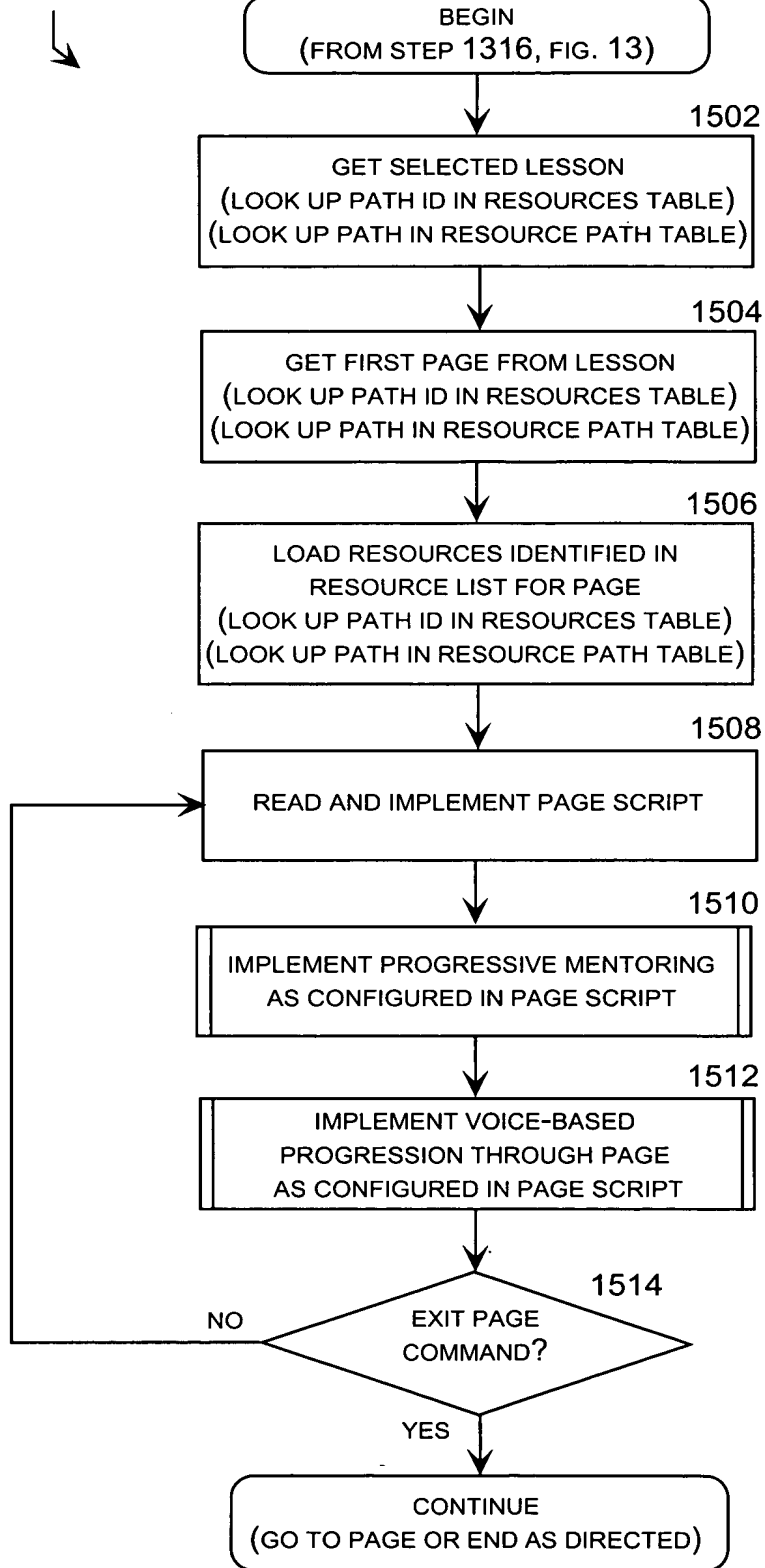
1316



**FIG.14**

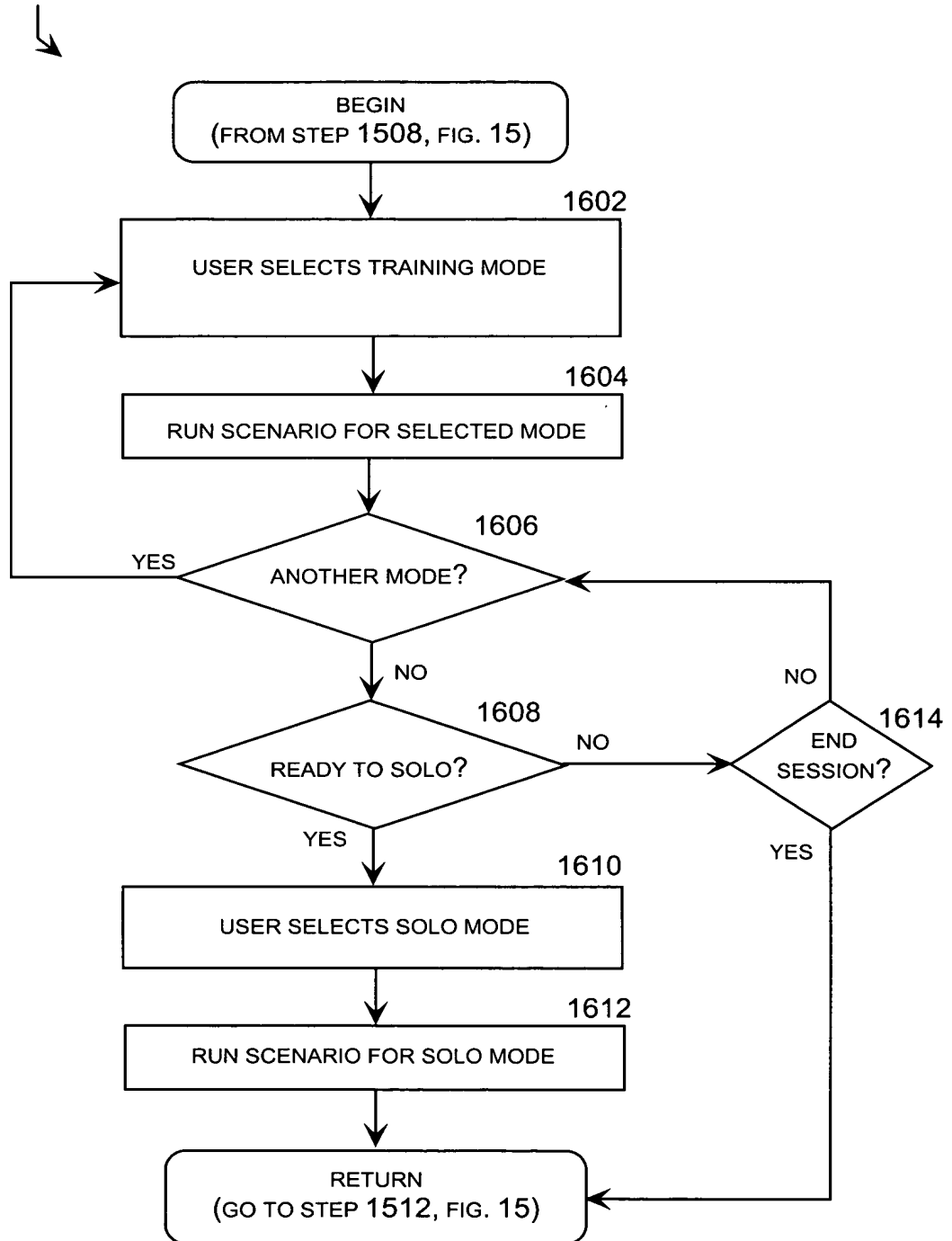
RUN SELECTED LESSON

1318



**FIG.15**

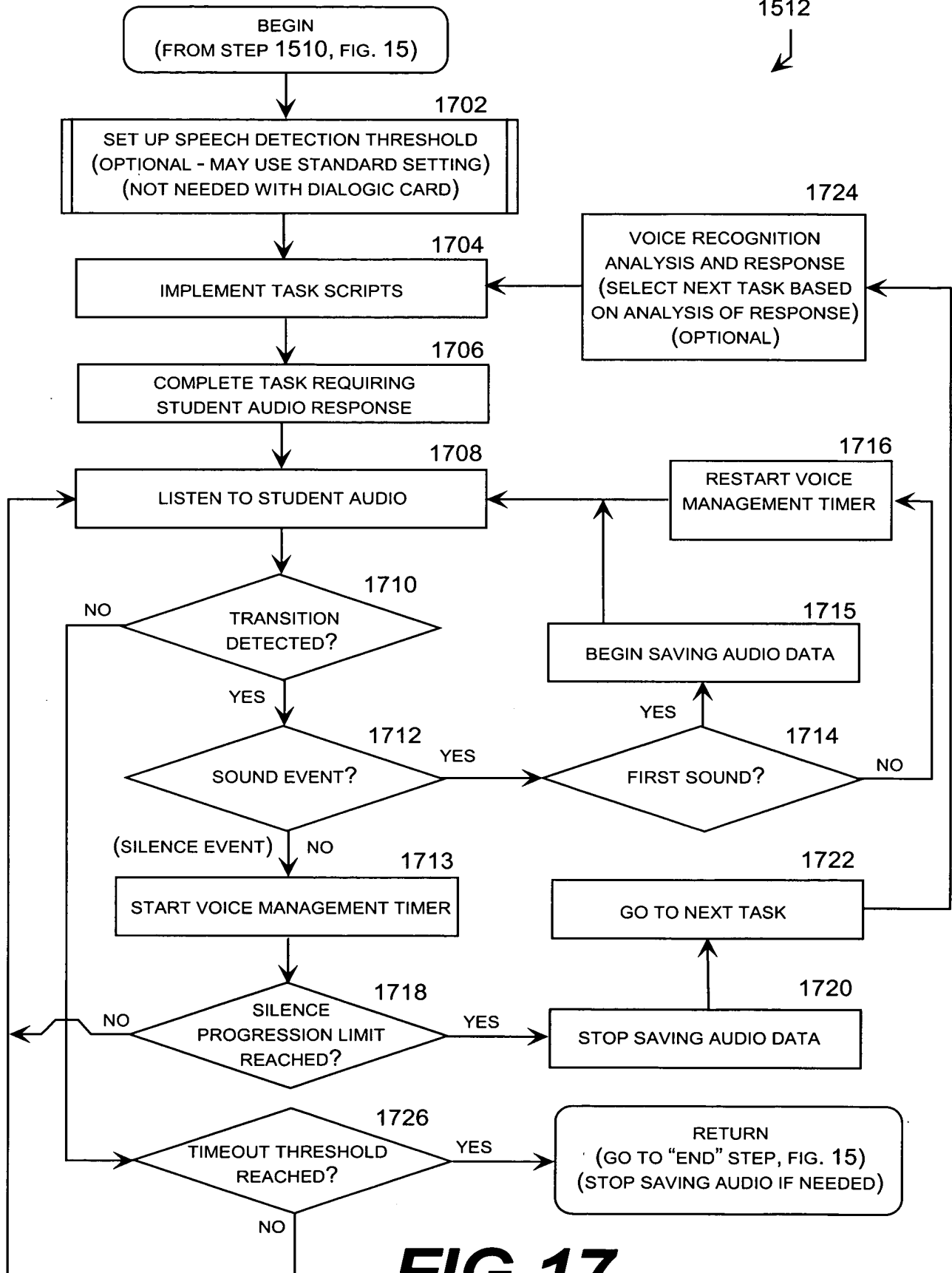
PROGRESSIVE MENTORING  
(RUNNING METHODOLOGY)  
1510



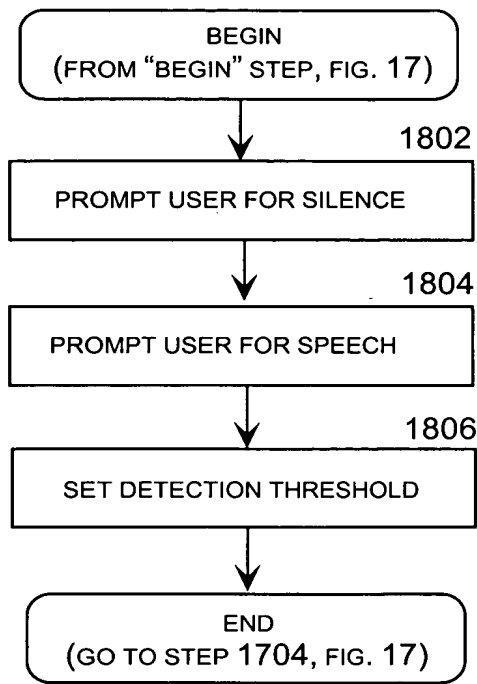
**FIG.16**



VOICE-BASED PROGRESSION  
1512

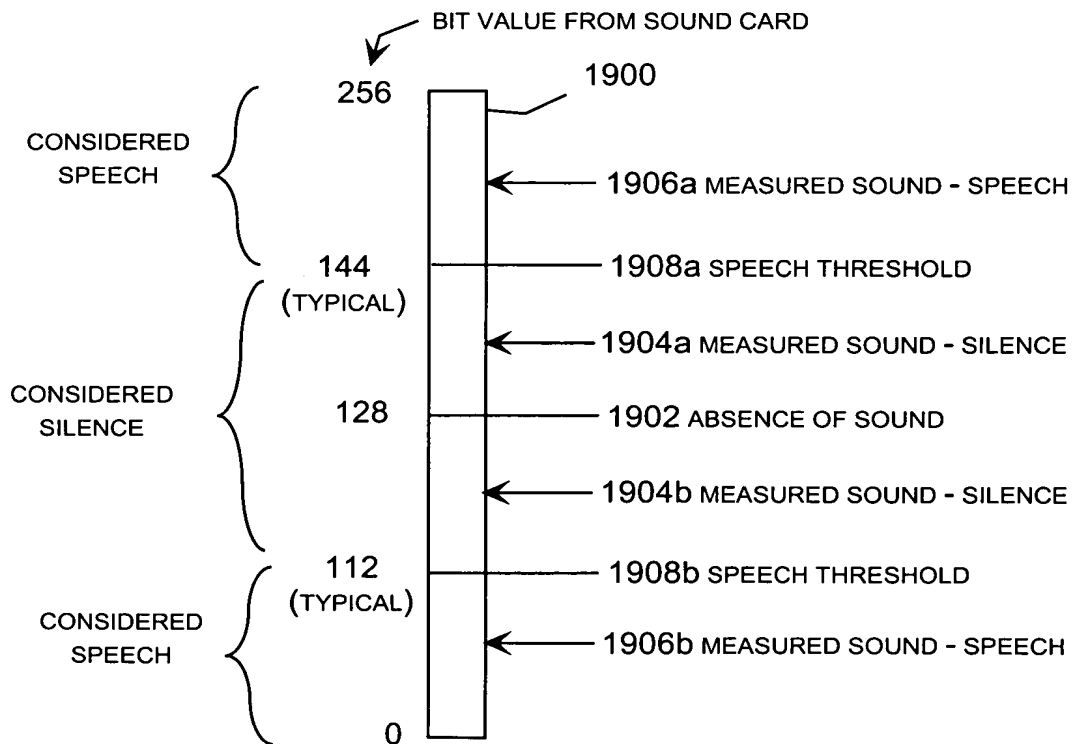


**FIG.17**



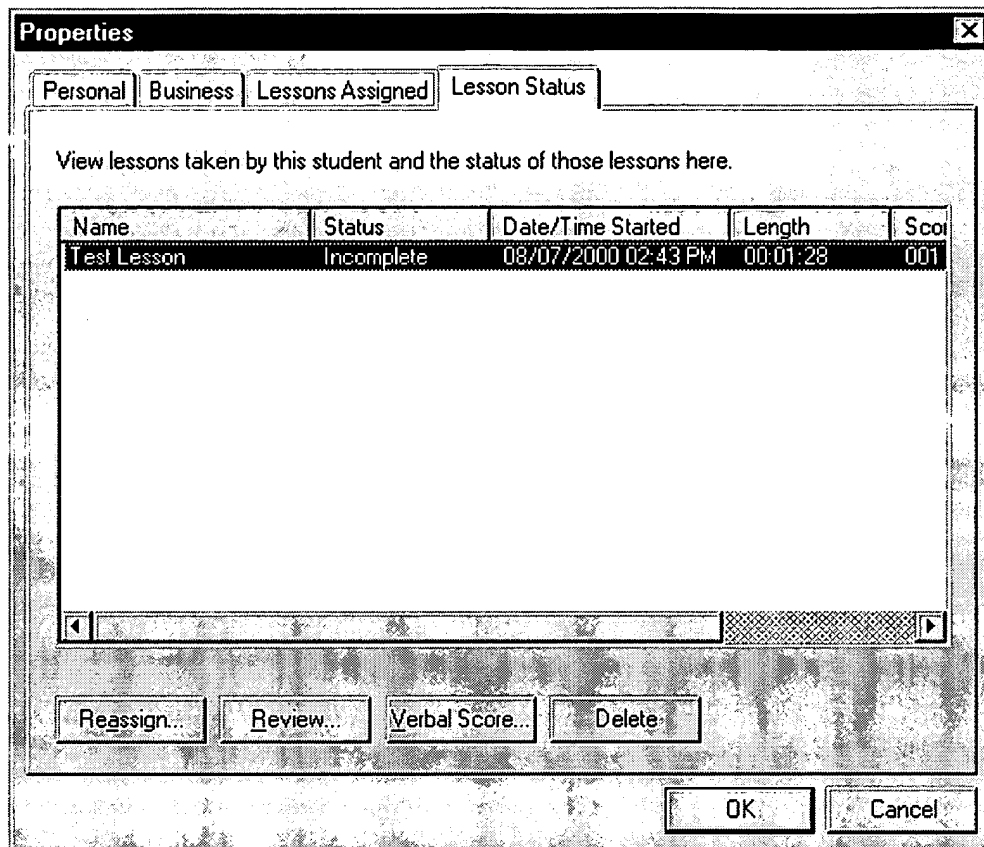
SET UP SPEECH  
DETECTION THRESHOLD  
1702  
↓

**FIG.18**



THRESHOLD EXAMPLE - 8-BIT SOUND

**FIG.19**



Lesson being reviewed in Administrator

608

FIG. 20

**Properties** [X]

Personal | Business | Lessons Assigned | Lesson Status

Enter identification information about this user here (Required).

Name

First Name: Bob

Last Name: Smith

StarTrainer Logon

User Name: Bob

Password: \*

ID Number

Employee ID Number (optional):

Rights

☒ Student

☒ Designer

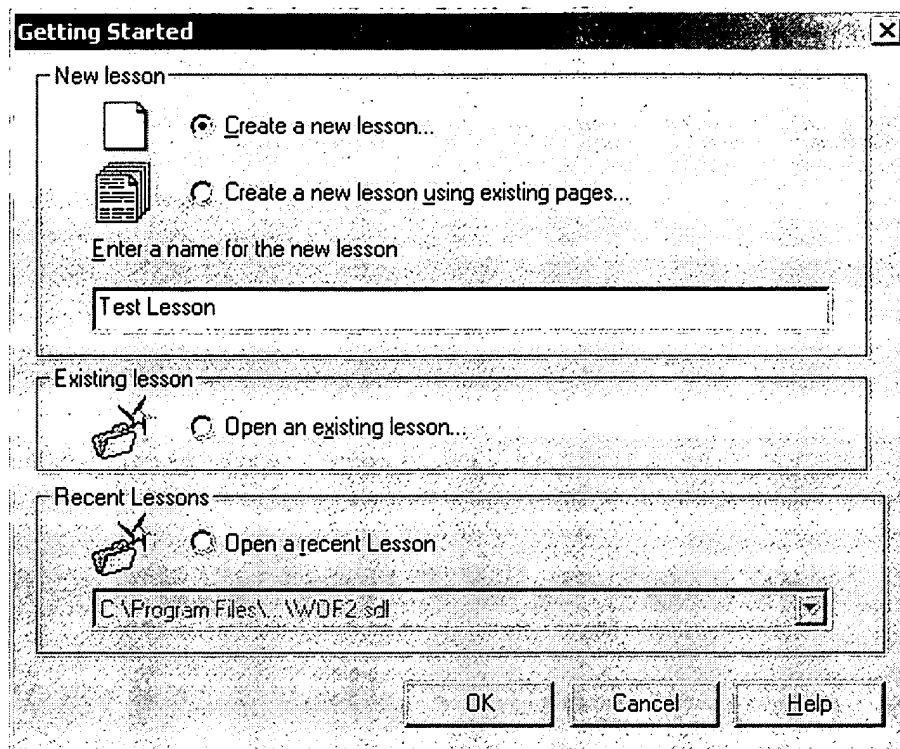
☒ Administrator

OK Cancel

Create author in Administrator

**614**

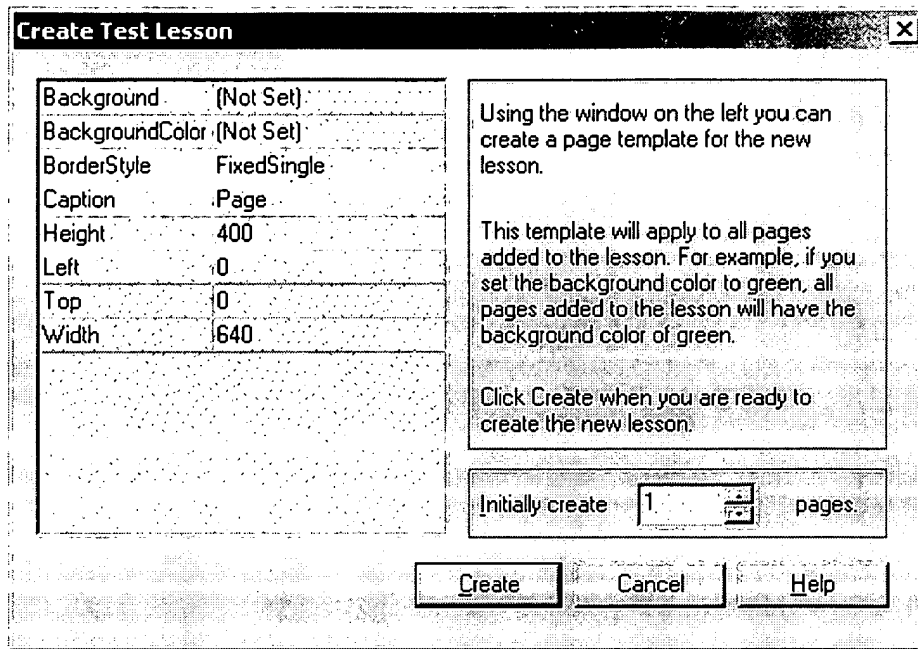
**FIG. 21**



Create a new lesson called Test Lesson

**618**

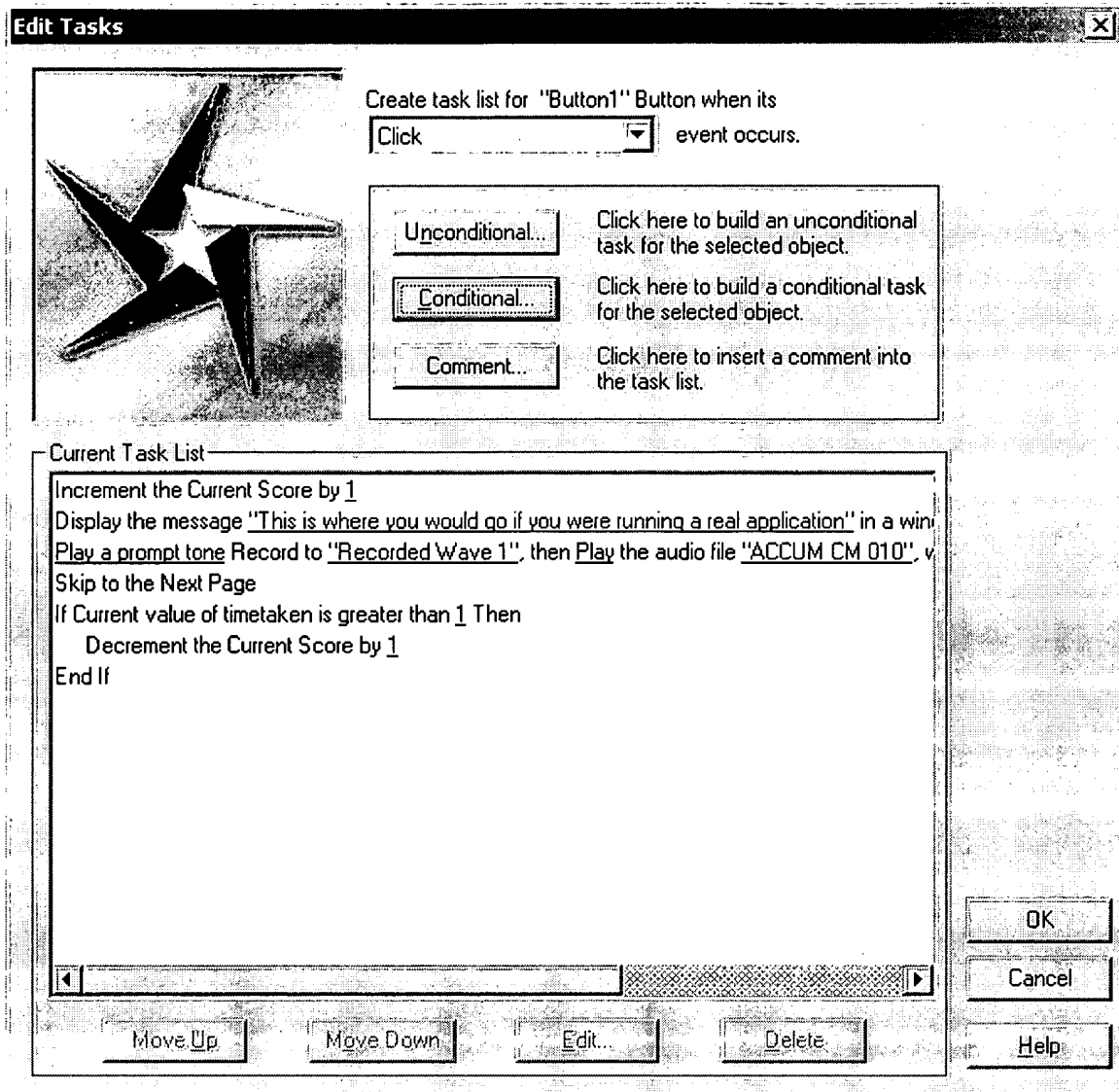
**FIG. 22**



Set lesson properties

**802**

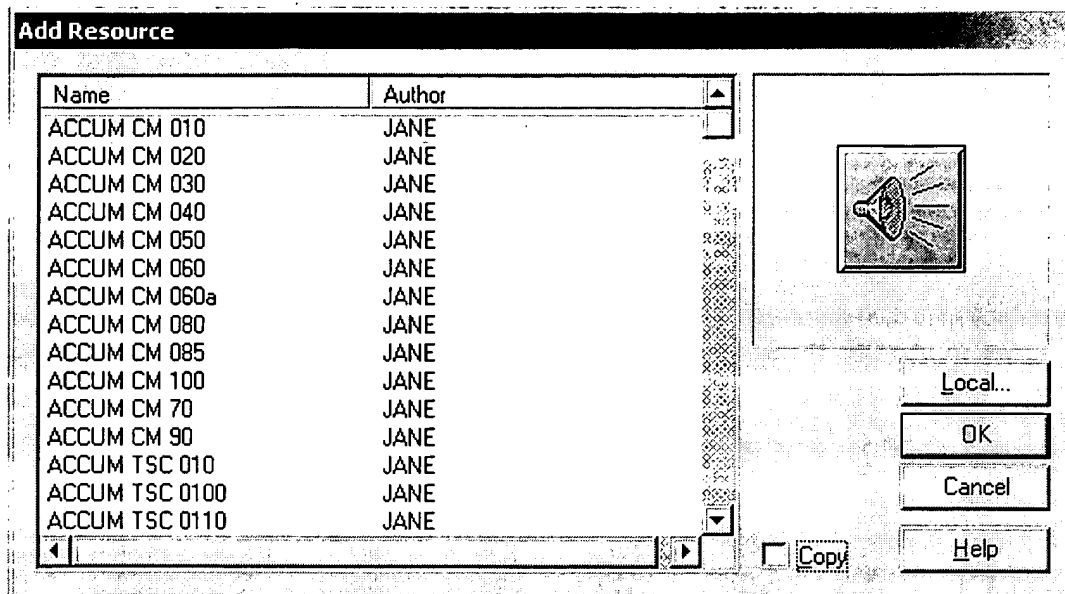
**FIG. 23**



Create a task list for a control

812

FIG. 24



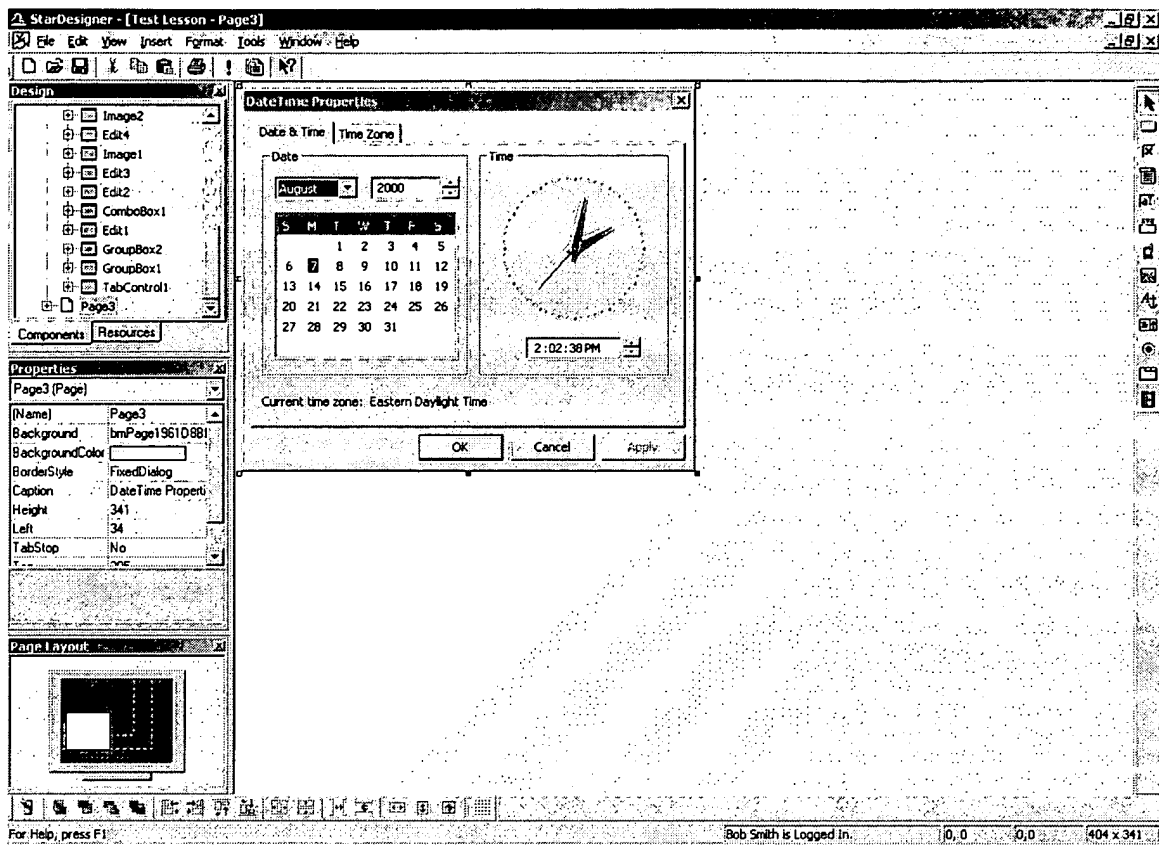
Insert Audio files in the lesson

**908**

**FIG. 25**







Captured page in StarDesigner

**1016**

**FIG. 27**

Properties

Personal Business Lessons Assigned Lesson Status

Enter identification information about this user here (Required).

Name

First Name: New

Last Name: Student

StarTrainer Logon

User Name: Student

Password: \*

ID Number

Employee ID Number (optional):

Rights

☒ Student

☐ Designer

☐ Administrator

OK Cancel

Create Student

1206

FIG. 28

**Lesson Frequency**

Lessons:

Name	Description	Frequency
Test Lesson		1

Lesson Frequency

☒ Lesson(s) can be taken  time(s) ☒ Save Review Information


☐ Lesson(s) can be taken indefinitely

Assign lessons

**1210**

**FIG.29**

**Logon**

 **StarRunner**

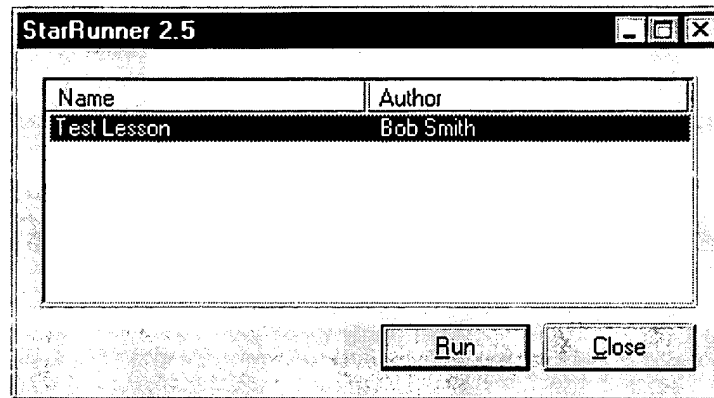
Name:

Password:

Student login

**1306**

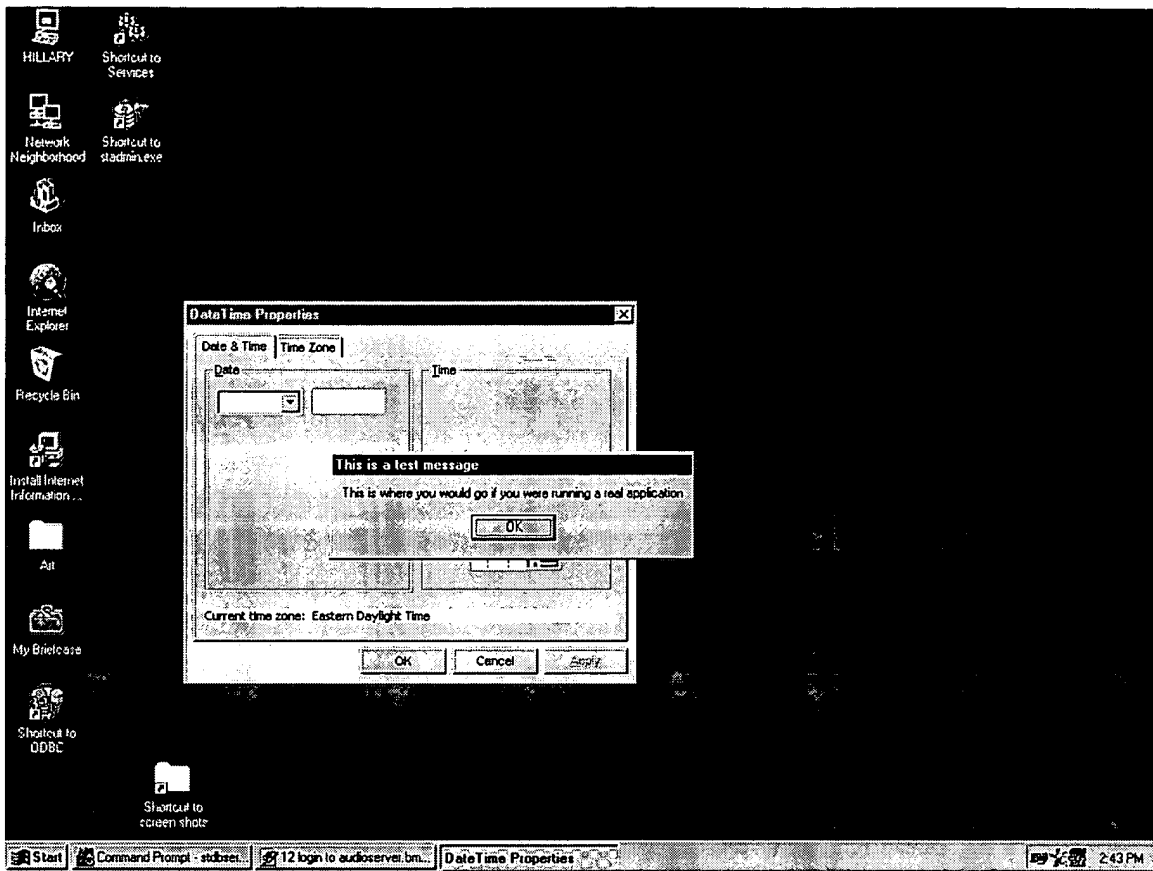
**FIG. 30**



Assigned lessons to a user

**1312**

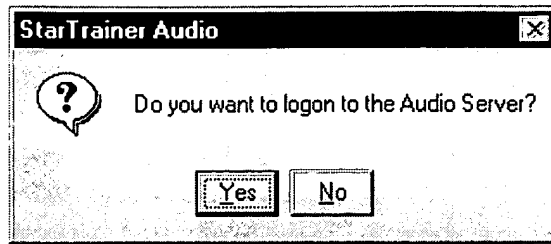
**FIG. 31**



Lesson being run by the student

**1318**

**FIG. 32**



Ask the student whether he/she wants to log on to Audio Server

**1402**

**FIG. 33**

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GLOBAL TASKS	EXPLANATION
CompleteLesson	Indicate in the student record that the lesson is completed
DecrementScore	Decrement the score
DisableKeyboard	Disable the keyboard
EnableKeyboard	Enable the keyboard
Exec	Execute an application
IncrementScore	Increment the score
ListenAndPlay	Listen to the student(without recording), and once the student is done, play a file
MessageBox	Standard Windows messagebox
Play	Play a pre-recorded file
PlayRecordedWave	Play a student recorded file
Quit	Quit the lesson
Record	Record student
RecordAndPlay	Record student, and once she/he is done, play a file
Run	Run an application
SkipToNextPage	Show next page in the lesson
SkipToPage	Show a page defined by the user
SkipToPreviousPage	Show previous page in the lesson
StopPlay	Stop playing files
StopRecord	Stop recording
TimerStart	Start the timer
TimerStop	Stop the timer
Wait	Wait for user defined seconds
WaitForAudioComplete	Wait for all audio events to complete before proceeding further in the script

**FIG. 34**

RESPONSE ITEM TASKS	EXPLANATION
Concatenate	Append a string to response item
Contains (Conditional)	Does the response item contain user defined string regardless of case
ContainsExactly (Conditional)	Does the response item contain user defined string including the case
Decrement#	Decrement the response item
Increment#	Increment the response item

**FIG. 35**

PROPERTIES			PROPERTIES / TASKS / GLOBAL TASKS														
	Button	CheckBox	ComboBox	EditBox	GroupBox	HotSpot	Image	Label	ListBox	Page	RadioButton	Tab	Video				
AcceptsChars				X													
AnimationName													X				
AutoPlay													X				
AutoHScroll				X													
AutoVScroll				X													
Background										X							
BackgroundColor	X	X	X	X	X			X	X		X						
Border								X									
BorderStyle										X							
Caption	X	X	X	X	X			X		X	X						
CenterVertically								X									
ChangeCursor						X	X										
Check		X									X						
ComboBoxStyle			X														
Enabled	X	X	X	X	X	X	X	X	X	X	X	X					
Font	X	X	X	X	X			X	X	X	X	X					
Height	X	X	X	X	X	X	X	X	X	X	X	X	X				
HorizAlign	X	X			X						X						
Image							X										
Left	X	X	X	X	X	X	X	X	X	X	X	X	X				
Multiline				X													
Number				X													
SelectionType									X								
SizeToImage							X						X				
Sort			X						X								
TabStop	X	X	X	X	X				X								
TabStyle												X					
TextColor	X	X	X	X	X			X	X		X						
TextPosition								X									
Top	X		X		X	X	X	X	X	X	X	X	X				
TriState		X															
Transparent													X				
VertAlign	X																
VertScroll				X													
Visible	X	X	X	X	X		X	X	X	X	X	X	X				
Width	X	X	X	X	X	X	X	X	X	X	X	X	X				

FIG. 36

TASKS (** indicates a Conditional-only task)	Button	CheckBox	ComboBox	EditBox	GroupBox	HotSpot	Image	Label	ListBox	Page	RadioButton	Tab	Video
EVENTS													
AcceptsChars	Click			X								Init / SC	
AddString			X						X				
AddStrings			X						X				
AddTab												X	
AnimationName													X
AutoPlay													X
BackGround										X			
BackGroundColor	X	X	X	X	X			X	X	X	X		
Border								X					
Caption	X	X	X	X	X			X		X	X		
ChangeCursor						X	X						
Check		X							X		X		
Clear			X										
ClearImage							X						
Close													X
**Count			Conditional						Conditional				
DeleteString			X						X				
DeleteTab												X	
Enabled	X	X	X	X	X	X	X	X	X		X	X	
Font	X	X	X	X	X			X	X		X	X	
Height	X	X	X	X	X	X	X	X	X	X	X	X	X
HorizontalAlign	X	X			X						X		
HorizontalScroll				X									
Image							X						
InsertString			X						X				
Left	X	X	X	X	X	X	X	X	X	X	X	X	X
**LineCount				Conditional									
Move	X	X	X	X	X	X	X	X	X	X	X	X	X
Number				X									
Open													X
Play													X
ResetContent													
**SelectedIndex			Conditional						Conditional				
**SelectedText			Conditional										
SelectTab												X	
SelfFocus	X	X	X	X					X		X	X	
SelfSelection			X						X				

FIG. 37

